



## County of Erie

GALE R. BURSTEIN, MD, MPH  
COMMISSIONER OF HEALTH

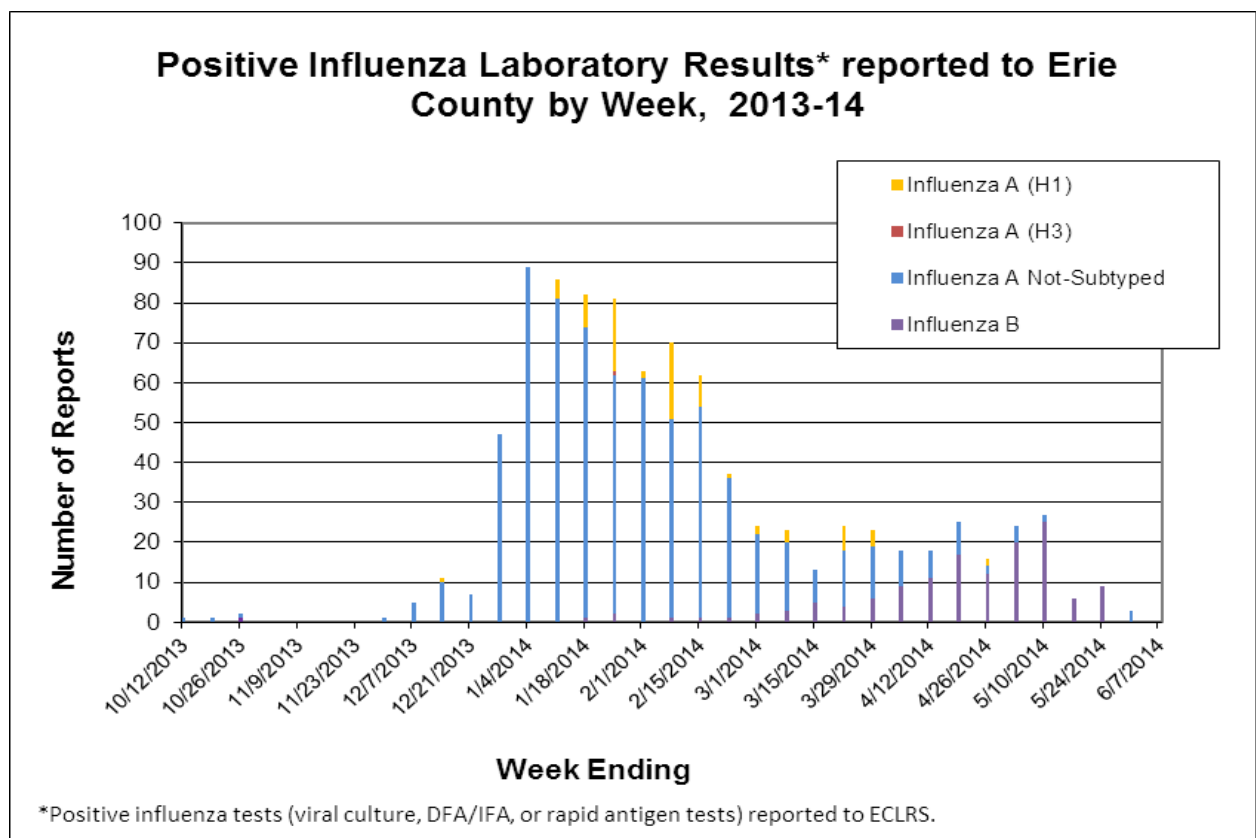
### ERIE COUNTY INFLUENZA SURVEILLANCE REPORT FOR WEEK ENDING May 31, 2014

The Erie County Department of Health (ECDOH) collects, compiles, analyzes information on influenza activity and generates this weekly report during the influenza season (October through the following May).

#### Erie County Surveillance

##### A. Electronic Clinical Laboratory Reporting System (ECLRS)

Hospital, commercial, and public health laboratories report positive influenza tests via New York State Department of Health (NYSDOH) ECLRS. The following graph represents all positive Erie County influenza laboratory reports through ECLRS by week.



##### B. Sentinel Surveillance

The Erie County Public Health Laboratory (ECPHL) has the capability to test for seasonal influenza A/H1 and A/H3, influenza B, and H1N1. Testing is performed for patients with influenza-like illness at 7 Erie County Urgent Care Facilities, 4 MASH sites and 3 WNY Immediate Care sites. In addition, the ECDOH performs testing for several additional respiratory pathogens for surveillance purposes using these sites. Positive test results are shown below.

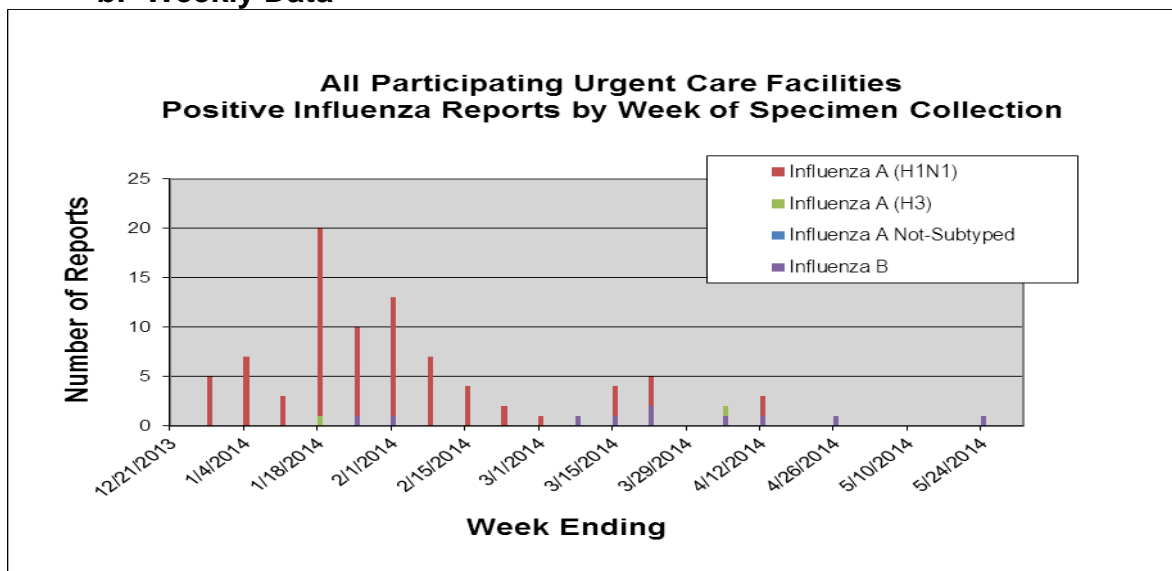
## 1. Influenza

### a. Season to Date

*Season to Date: Results Reported From  
December 18, 2013 to May 31, 2014*

<b>Influenza Surveillance</b>					
Urgent Care Facility Location	# Specimens Tested for Flu	# Positive			
		A/H1	A/H3	H1N1	B
Amherst	47	0	1	13	2
Buffalo	10	0	0	7	0
Clarence/E Amherst	28	0	1	12	1
Lancaster	92	0	0	33	3
Orchard Park	46	0	0	12	4
Cheektowaga	1	0	0	0	0
<b>Total</b>	<b>224</b>	<b>0</b>	<b>2</b>	<b>77</b>	<b>10</b>

### b. Weekly Data



## 2. Other Respiratory Pathogens

*Season to Date: Results Reported From*

*December 18, 2013 to May 31, 2014*

<b>Other Respiratory Specimens</b>								
Urgent Care Facilities	# Specimens Tested	RSV	Adeno- virus	Human Meta- pneumovirus	Parainfluenza Virus			
					1	2	3	4
Amherst	47	1	0	1	0	0	0	0
Buffalo	10	0	0	0	0	0	0	0
Clarence/E Amherst	28	3	0	2	0	0	0	0
Lancaster	92	5	1	4	1	0	0	0
Orchard Park	46	2	0	2	0	0	0	0
Cheektowaga	1	0	0	1	0	0	0	0
<b>Total</b>	<b>224</b>	<b>11</b>	<b>1</b>	<b>10</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>

## New York State Surveillance – Week Ending May 31, 2014

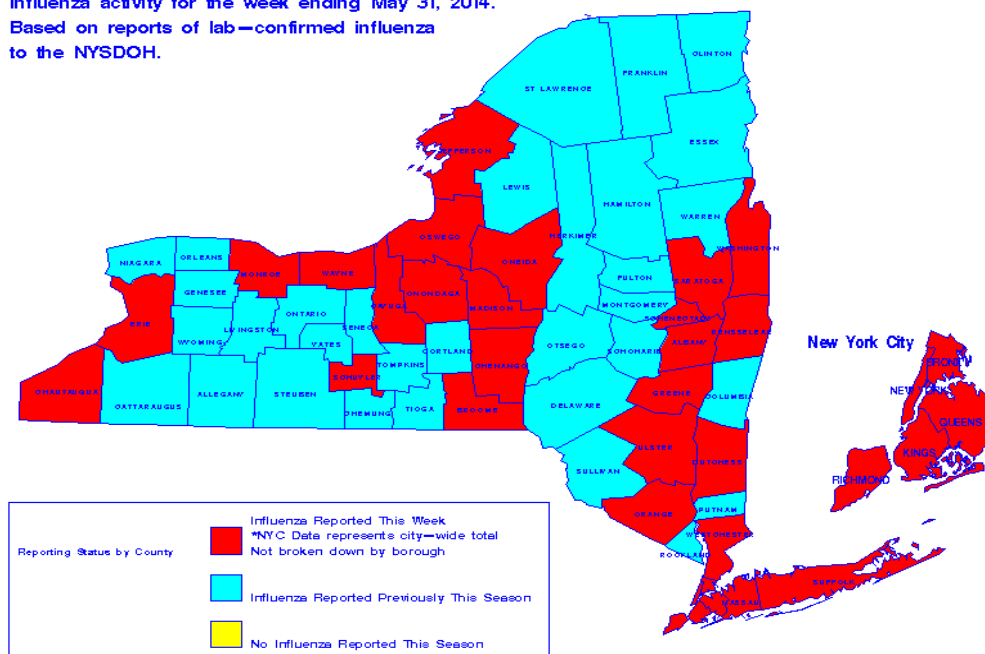
Source: <http://www.health.ny.gov/diseases/communicable/influenza/surveillance/>

All laboratories (public, private, hospital, commercial, etc.) that perform influenza testing on residents of NYS report all positive results.

### A. NYS County Summary

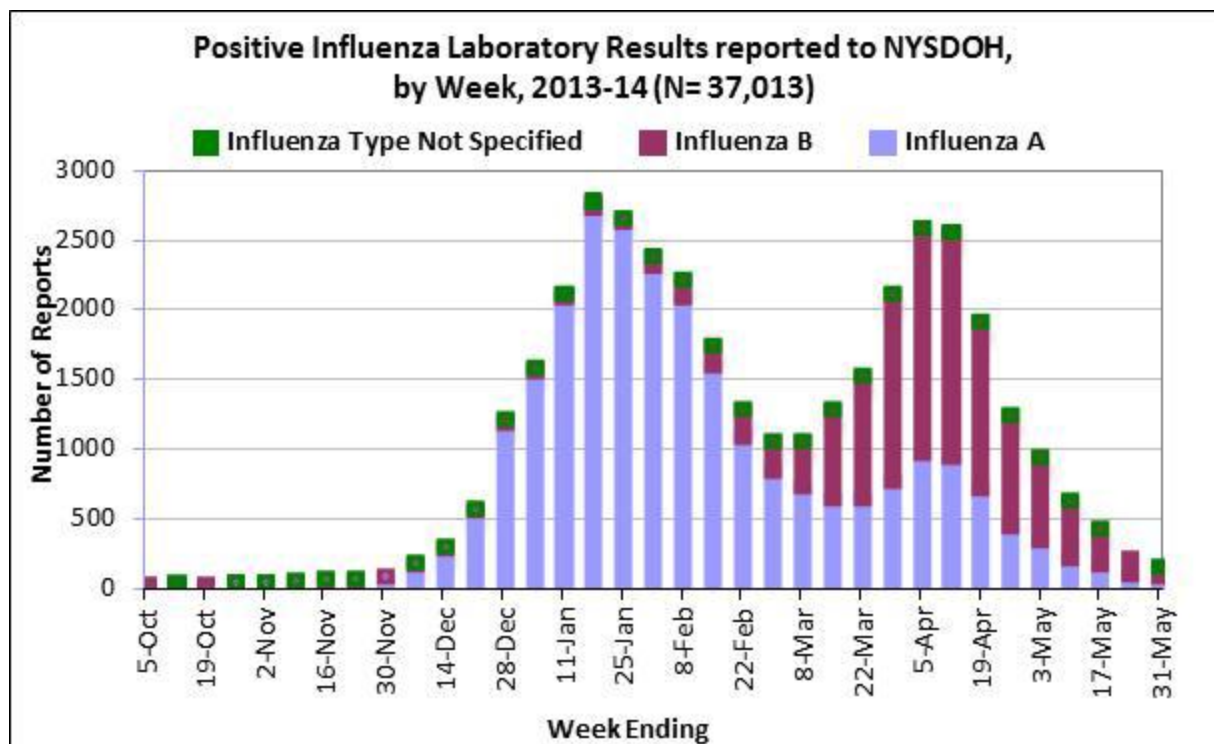
Influenza was reported in 25 counties this week and all 5 boroughs of NYC.

Influenza activity for the week ending May 31, 2014.  
Based on reports of lab-confirmed influenza  
to the NYSDOH.



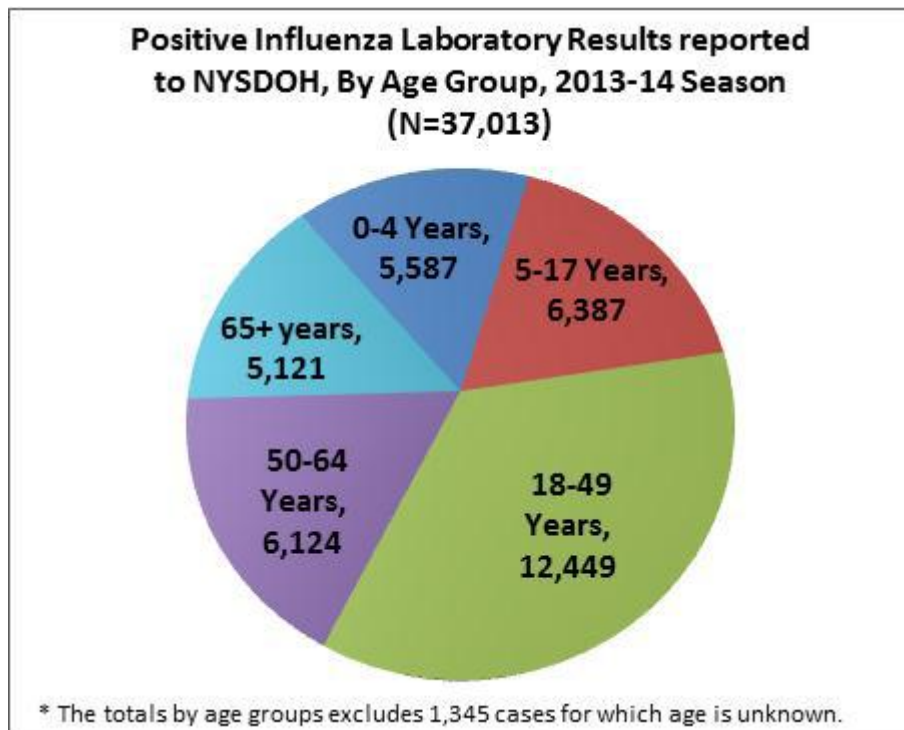
### B. NYS Influenza by Week

There were 143 laboratory-confirmed influenza reports, a 33% decrease over the previous week.



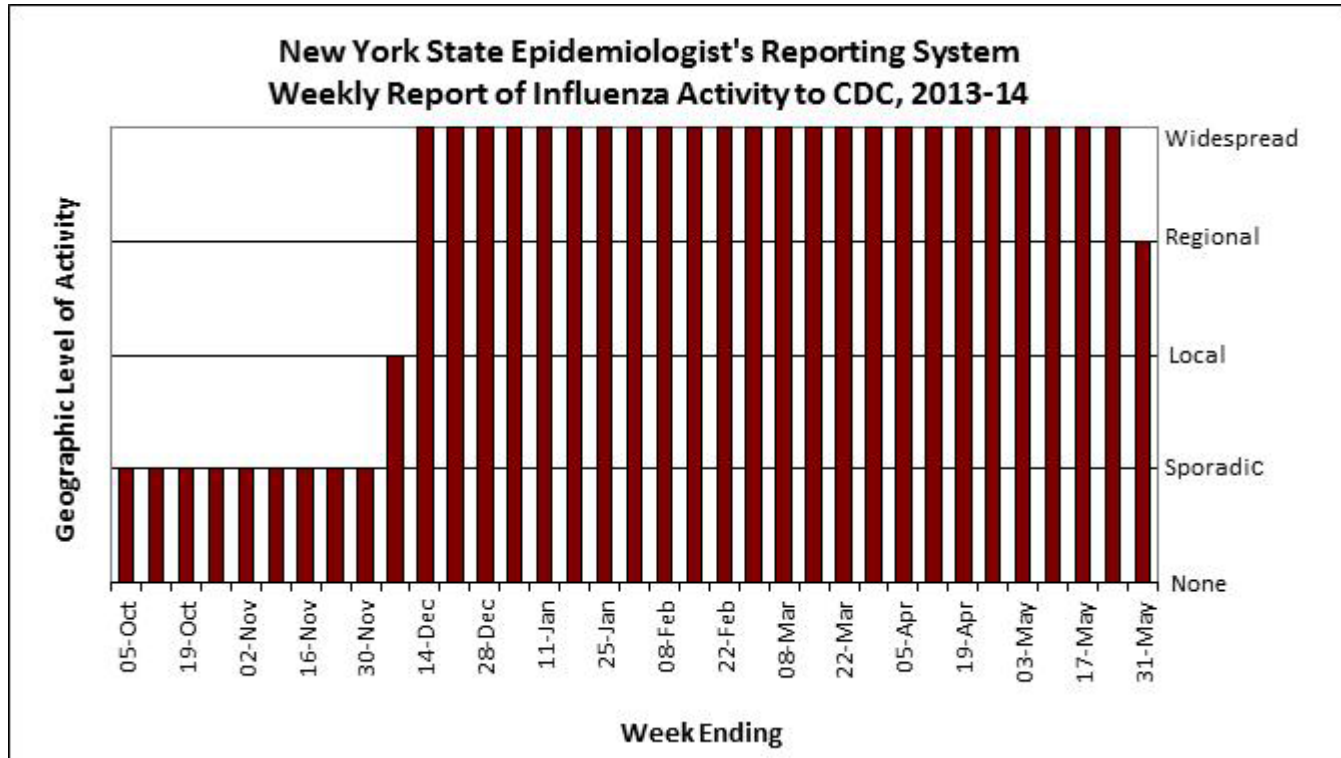
### C. NYS Influenza by Age

The majority of influenza reports are in the age group 18 – 49 years of age.



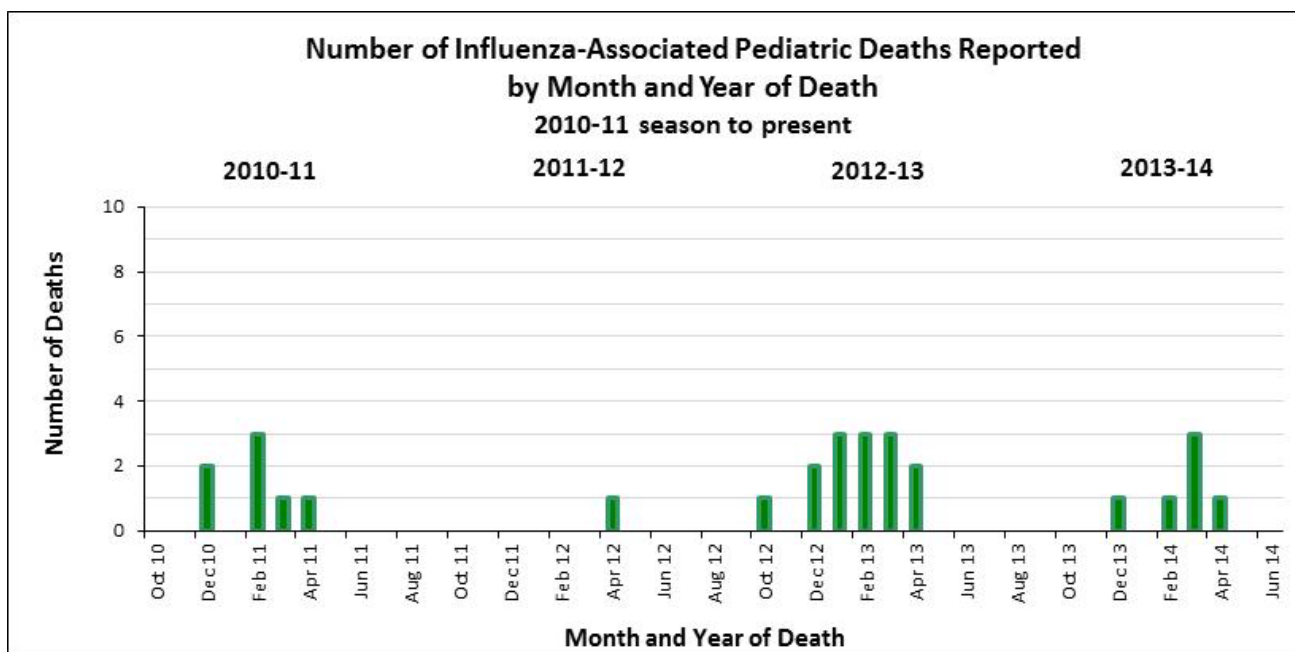
### D. NYS Geographic Spread of Influenza Activity by Week

NYS influenza activity is characterized as geographically regional.



## E. Pediatric Deaths

Influenza-associated deaths in children younger than 18 years old are nationally notifiable. There were no influenza-associated pediatric deaths reported this week. There have been 6 influenza-associated pediatric death reported this season.



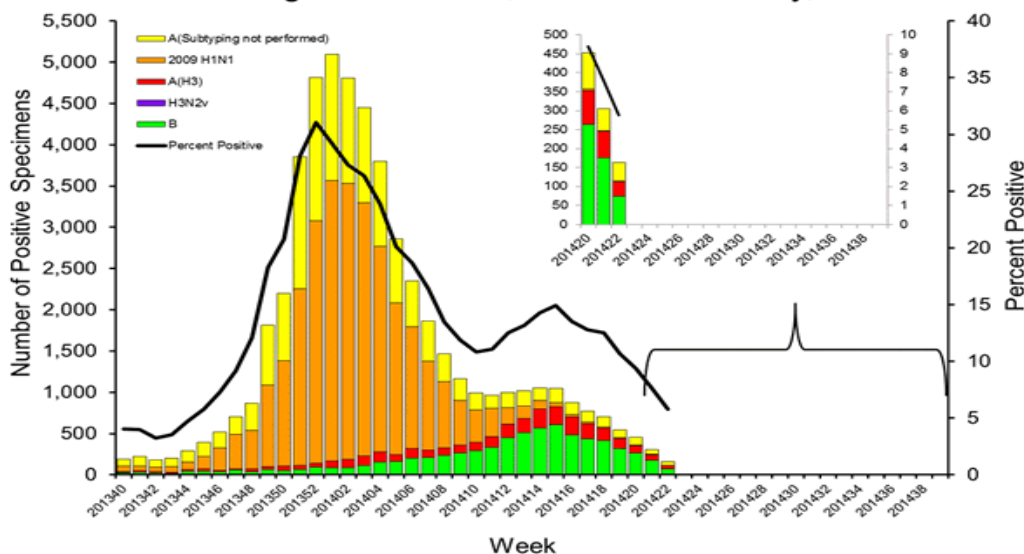
## National Surveillance – Week Ending May 31, 2014

Source: <http://www.cdc.gov/flu/>

### A. US Influenza by Week

The World Health Organization (WHO) and National Respiratory and Enteric Virus Surveillance System (NREVSS) collaborating laboratories located in all 50 states, Puerto Rico, and Washington D.C. report to CDC the number of respiratory specimens tested for influenza and the number positive by influenza virus type and influenza A virus subtype. The results of tests performed during the current week are summarized in the table below.

**Influenza Positive Tests Reported to CDC by U.S. WHO/NREVSS  
Collaborating Laboratories, National Summary, 2013-14**



## B. US Influenza Associated Pediatric Deaths

One influenza-associated pediatric death was reported to CDC during week 22. This death was associated with an influenza B virus and occurred during week 22 (week ending May 31, 2014). A total of 97 influenza-associated pediatric deaths have been reported during the 2013-2014 season.

